

07014000 HUZAZH CREEK NEAR STEELVILLE, MO  
(Ambient water-quality monitoring network)

## WATER-QUALITY RECORDS

LOCATION.--Lat 37°58'29", long 91°12'16", in SE 1/4 SW 1/4 sec.25, T.38 N., R.3 W., Crawford County, Hydrologic Unit 07140102. From Steelville take Highway 8 east for about 9 mi.

DRAINAGE AREA.--259 mi<sup>2</sup>.

PERIOD OF RECORD.--November 1993 to current year.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. (CUBIC FEET PER SECOND) (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUCT-ANCE (µS/cm) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	OXYGEN, DIS-SOLVED (mg/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (mg/L) (00340)	COLI-FORM, FECAL, 0.7 µm-MF (COLS./ 100 mL) (31625)	STREP-TOCOCCI, KF AGAR (COLS. PER 100 mL) (31673)	ALKA-LINITY WAT WH TOT FET FIELD (mg/L as CaCO <sub>3</sub> ) (00410)
NOV 21...	1230	73	10.0	390	8.4	11.9	106	--	K7	K6	198
JAN 17...	1042	182	9.0	368	8.0	12.7	109	<10	K22	K17	47
MAR 05...	1315	80	10.0	374	8.2	11.9	105	--	K11	26	186
APR 09...	1030	245	9.5	317	8.3	11.6	100	--	33	52	132
JUN 24...	1055	310	22.5	333	7.2	8.4	98	<10	K70	63	155
AUG 19...	1040	111	23.0	373	8.0	8.0	91	--	210	240	186
DATE		BICAR-BONATE WATER WH IT FIELD (mg/L as HCO <sub>3</sub> ) (00450)	CAR-BONATE WATER WH IT FIELD (mg/L as CO <sub>3</sub> ) (00447)	NITRO-GEN, NO <sub>2</sub> +NO <sub>3</sub> TOTAL (mg/L as N) (00630)	NITRO-GEN, NITRITE TOTAL (mg/L as N) (00615)	NITRO-GEN, AMMONIA TOTAL (mg/L as N) (00610)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (mg/L as N) (00625)	PHOS-PHORUS TOTAL (mg/L as P) (00665)	PHOS-PHORUS ORTHO TOTAL (mg/L as P) (70507)	HARD-NESS TOTAL (mg/L as CaCO <sub>3</sub> ) (00900)	CALCIUM DIS-SOLVED (mg/L as Ca) (00915)
NOV 21...		129	0	0.150	<0.010	0.010	<0.20	<0.020	0.010	--	--
JAN 17...		57	0	0.260	0.010	0.020	<0.20	<0.020	<0.010	180	34
MAR 05...		227	0	0.250	<0.010	0.050	<0.20	<0.020	0.010	--	--
APR 09...		160	0	0.450	<0.010	0.020	<0.20	0.020	0.010	--	--
JUN 24...		193	0	0.380	<0.010	0.020	<0.20	0.020	<0.010	170	36
AUG 19...		210	0	0.170	<0.010	0.020	<0.20	<0.020	<0.010	--	--
DATE		MAGNE-SIUM, DIS-SOLVED (mg/L as Mg) (00925)	SODIUM, DIS-SOLVED (mg/L as Na) (00930)	POTAS-SIUM, DIS-SOLVED (mg/L as K) (00935)	SULFATE DIS-SOLVED (mg/L as SO <sub>4</sub> ) (00945)	CHLO-RIDE, DIS-SOLVED (mg/L as Cl) (00940)	FLUO-RIDE, DIS-SOLVED (mg/L as F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (mg/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (mg/L) (00530)	ALUM-INUM, TOTAL RECOV-ERABLE (µg/L as Al) (01105)	ALUM-INUM, DIS-SOLVED (µg/L as Al) (01106)
JAN 17...		22	2.4	0.80	9.1	3.1	<0.10	220	<1	<20	<20
JUN 24...		20	4.4	1.2	7.7	2.8	<0.10	216	<1	20	9.0
DATE		CADMIUM TOTAL RECOV-ERABLE (µg/L as Cd) (01027)	CADMIUM DIS-SOLVED (µg/L as Cd) (01025)	COPPER, DIS-SOLVED (µg/L as Cu) (01040)	IRON, DIS-SOLVED (µg/L as Fe) (01046)	LEAD, TOTAL RECOV-ERABLE (µg/L as Pb) (01051)	LEAD, DIS-SOLVED (µg/L as Pb) (01049)	MANGA-NESE, DIS-SOLVED (µg/L as Mn) (01056)	MERCURY TOTAL RECOV-ERABLE (µg/L as Hg) (71900)	ZINC, TOTAL RECOV-ERABLE (µg/L as Zn) (01092)	ZINC, DIS-SOLVED (µg/L as Zn) (01090)
JAN 17...		<1	<1.0	<1.0	<3.0	<1	<1.0	2.7	<0.10	<4	<4.0
JUN 24...		<1	<1.0	1.1	10	<1	<1.0	7.9	<0.10	2	<1.0

K--Results based on colony count outside the acceptable range (non-ideal colony count).